

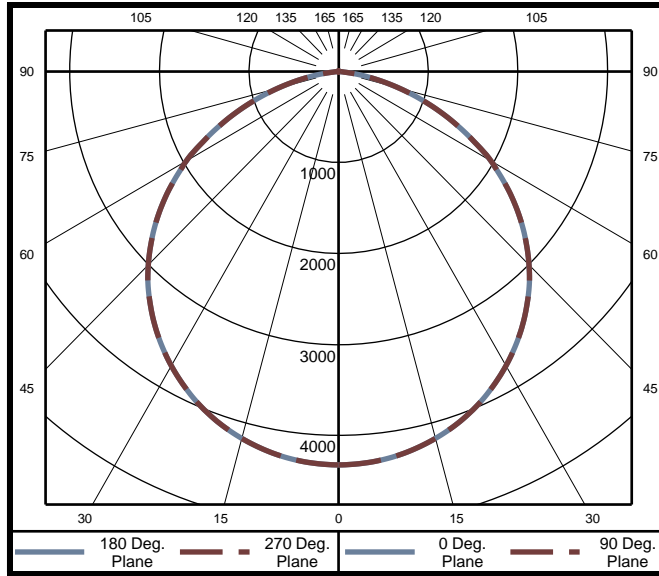


Lighting ETC Inc
Catalog Number
INS-LW-12L-5K8-U-F-XX (REF LT)



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	0.6743 A	80.53 W	0.995	60 Hz	8.06 %

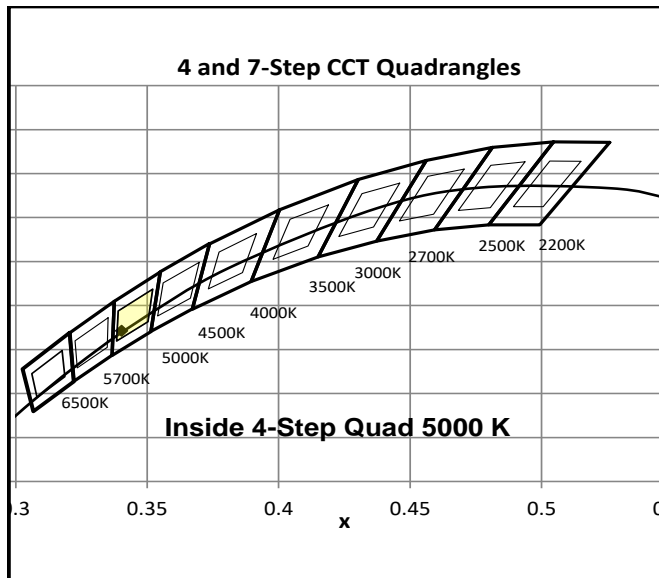
Summary of Results	
Total Lumen Output	12240 Lumens
Luminaire Efficacy	153 lm/w
Maximum Candela	4320 Candela
CCT	5178 K
CRI	83.2
Duv	0.0004
TM-30 Rf	83.0
TM-30 Rg	96.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	4320	
5	4303	409
10	4253	
15	4171	1178
20	4059	
25	3912	1803
30	3732	
35	3522	2203
40	3280	
45	3003	2314
50	2688	
55	2338	2086
60	1964	
65	1533	1519
70	1113	
75	705	751
80	348	
85	97	144
90	33	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	3390	27.3%
0-40	5593	45.0%
0-60	9994	80.5%
0-90	12408	99.9%
40-90	6815	54.9%
60-90	2414	19.4%
90-180	9	0.1%
0-180	12417	100.0%

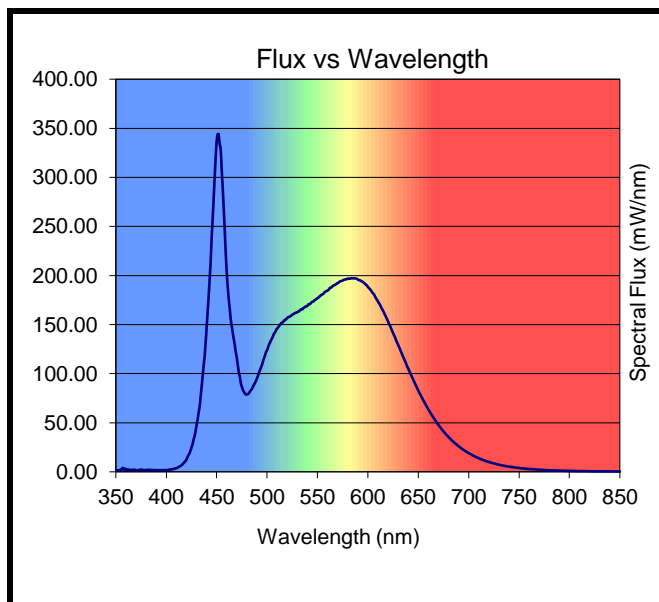
Spacing Criteria	
0-180	1.28
90-270	1.28



Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	21310
45	19700
55	18440
65	15750
75	10870
85	3177

Color Rendering Index Details	
Ra (CRI)	83.2
R1	81.6
R2	89.0
R3	93.4
R4	82.9
R5	82.7
R6	84.1
R7	85.9
R8	65.9
R9	4.1
R10	73.8
R11	82.7
R12	63.4
R13	83.7
R14	96.7

Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	43.2	12.8
14.0	22.0	18.0
18.0	13.3	23.1
22.0	8.92	28.2
26.0	6.39	33.4
28.0	5.51	35.9
30.0	4.80	38.5



Chromaticity Coordinates	
Chromaticity (x)	0.3403
Chromaticity (y)	0.3485
Chromaticity (u)	0.2093
Chromaticity (v)	0.3216
Chromaticity (u')	0.2093
Chromaticity (v')	0.4824
Duv	0.0004

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14108498.01

